## WHAT IS CLAIMED IS:

1	1. An	ink tank, comprising:	
2	an	ink chamber, formed with a vent port allowing atmospheric air to	
3	enter therein and an ink outlet from which ink is taken out;		
4	an	optical member, having an ink contact face capable of contacting	
5	with ink con	tained in the ink chamber, the ink contact face including a detection	
6	face at wh	ich a remaining amount of ink in the ink chamber is optically	
7	detected in	detected in accordance with an amount of air entered into the ink chamber via	
8	the vent port; and		
9	a ·	first ink absorbing member, disposed in the vicinity of the ink	
10	contact face	contact face, and capable of absorbing the ink in the ink chamber.	
		,	
1	2. Th	e ink tank as set forth in claim 1, wherein the ink chamber includes:	
2	a f	irst chamber, formed with the vent port and containing a second ink	
3	absorbing member capable of holding ink therein; and		
4	as	second chamber, disposed between the first chamber and the ink	
5	outlet and c	outlet and containing the first ink absorbing member and the optical member.	
1	3. Th	e ink tank as set forth in claim 1, wherein the first ink absorbing	
2	member is p	placed at an ink flow passage between the optical member and the	
3	ink outlet .		
1	4. Th	e ink tank as set forth in claim 1, wherein the first ink absorbing	
2	member is disposed away from the detection face.		

- 5. The ink tank as set forth in claim 2, further comprising:
- 2 a first filter, partitioning the first chamber and the second chamber, 3 the first filter comprised of a first porous material having a first porousness so
- 4 as to allow ink and air bubbles to pass therethrough; and
- a second filter, partitioning the second chamber and the ink outlet, the
- 6 second filter comprised of a second porous material having a second
- 7 porousness finer than the first porousness so as to allow substantially only ink
- 8 to pass therethrough,

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- 9 wherein the first ink absorbing member has a third porousness
- 10 coarser than the first porousness.
- 1 6. The ink tank as set forth in claim 5, wherein the first ink absorbing
- 2 member is comprised of at least one of a foam material and a felt material.
- 1 7. The ink tank as set forth in claim 1, wherein the optical member is a
- 2 prism provided with a pair of reflective faces serving as the detection face.
- 1 8. The ink tank as set forth in claim 2, further comprising a partition
- 2 member which partitions the second chamber into a bubble storage located in
- 3 the vicinity of the first chamber and an ink reservoir located in the vicinity of the
- 4 ink outlet, the partition member formed with an introduction port which
- 5 introduces ink from the bubble storage to the ink reservoir,
- 6 wherein the detection face of the optical member is placed in the ink
- 7 reservoir.

- 1 9. The ink tank as set forth in claim 8, wherein the detection face is
- 2 placed in the vicinity of the introduction port.
- 1 10. The ink tank as set forth in claim 8, wherein the introduction port is
- 2 located at a corner portion defined by wall faces of either the partition member
- 3 or the second chamber.
- 1 11. The ink tank as set forth in claim 8, wherein the partition member is
- 2 provided with pieces projecting into the ink reservoir to retain the first ink
- 3 absorbing member therebetween.
- 1 12. The ink tank as set forth in claim 8, wherein the partition member
- defines an ink flow passage extending from the introduction port to the first ink
- 3 absorbing member via the detection face.
- 1 13. An ink jet printer, comprising
- 2 an ink jet print head;
- 3 the ink tank as set forth in claim 1, which supplies ink to the ink jet
- 4 print head via the ink outlet; and
- 5 a detector, which optically detects the remaining amount of ink in the
- 6 ink tank based on a condition of the detection face.